

EGLL

London Heathrow

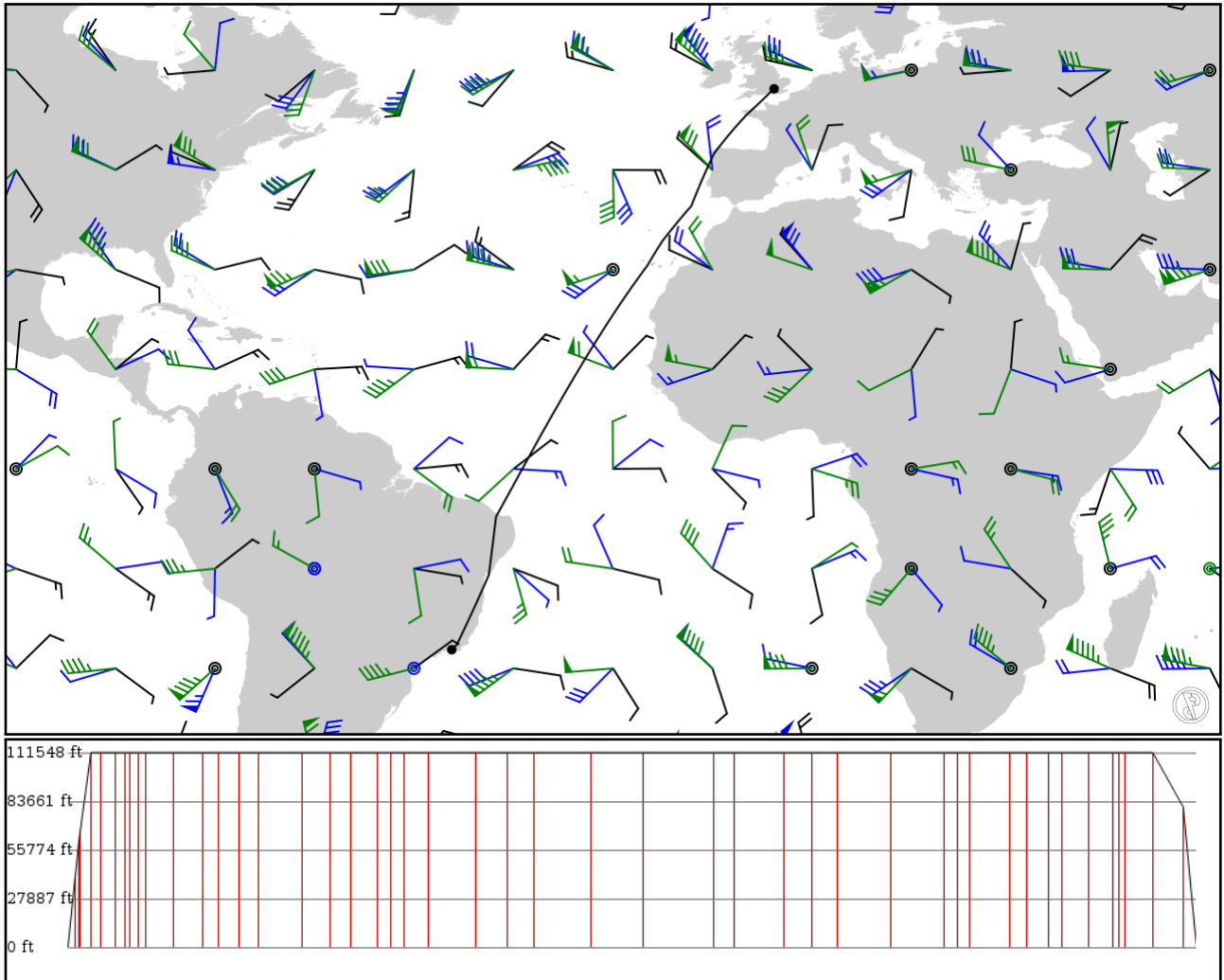
SBGL

Galeao Antonio Carlos Jombim

2024/05/13 0724Z

EGLL HAZEL R84 ELDER UR84 ORTAC UN866 MSS UW50 SVD UZ10 AWAKE SBGL

5045.78 nm / 9344.79 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 3400ft
- Cruise Speed: 420kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Options:

- Use NATs: yes
- Use PACOTS: yes
- Use low airways: yes
- Use high airways: yes

Route

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
EGLL APT	-	51.47122 -0.46098	0 ft 0 m	-	London Heathrow
HAZEL FIX	-	51.00528 -0.98444	12,200 ft 3,719 m	34	-
BEGTO FIX	R84 AWY-LO	50.75752 -1.23143	18,400 ft 5,608 m	17	-
ELDER FIX	R84 AWY-LO	50.65580 -1.32855	20,000 ft 6,096 m	7	-
ORTAC FIX	UR84 AWY-HI	49.99917 -2.00500	34,000 ft 10,363 m	47	-
LAGUL FIX	UN866 AWY-HI	49.43722 -2.60361	34,000 ft 10,363 m	40	-
LARSI FIX	UN866 AWY-HI	48.51639 -3.59167	34,000 ft 10,363 m	67	-
QPR VOR	UN866 AWY-HI	47.95728 -4.18472	34,000 ft 10,363 m	41	QUIMPER PLUGUFFAN VOR-DME
KEREB FIX	UN866 AWY-HI	47.59139 -4.52472	34,000 ft 10,363 m	25	-
COQUE FIX	UN866 AWY-HI	47.07917 -4.99056	34,000 ft 10,363 m	36	-
KOLEK FIX	UN866 AWY-HI	46.61278 -5.40806	34,000 ft 10,363 m	32	-
KORUL FIX	UN866 AWY-HI	44.83523 -6.91973	34,000 ft 10,363 m	124	-
STG VOR	UN866 AWY-HI	42.92687 -8.42539	34,000 ft 10,363 m	131	SANTIAGO VOR-DME
AGADO FIX	UN866 AWY-HI	41.87288 -8.92669	34,000 ft 10,363 m	67	-
TERVA FIX	UN866 AWY-HI	40.41667 -9.59111	34,000 ft 10,363 m	92	-
ORSOS FIX	UN866 AWY-HI	39.00000 -10.20889	34,000 ft 10,363 m	89	-
BEXAL FIX	UN866 AWY-HI	35.96667 -11.44833	34,000 ft 10,363 m	191	-
KUBIL FIX	UN866 AWY-HI	34.26111 -12.91167	34,000 ft 10,363 m	125	-
LUPEX FIX	UN866 AWY-HI	32.99750 -13.95500	34,000 ft 10,363 m	92	-
KONBA FIX	UN866 AWY-HI	31.30083 -15.30167	34,000 ft 10,363 m	122	-
GURKA FIX	UN866 AWY-HI	30.43400 -15.85026	34,000 ft 10,363 m	59	-
BRICK FIX	UN866 AWY-HI	29.59137 -16.37289	34,000 ft 10,363 m	57	-
GOMER FIX	UN866 AWY-HI	28.00000 -17.33333	34,000 ft 10,363 m	108	-
APASO FIX	UN866 AWY-HI	25.00000 -19.50463	34,000 ft 10,363 m	214	-
USOTI FIX	UN866 AWY-HI	23.06677 -20.83637	34,000 ft 10,363 m	137	-
TENPA FIX	UN866 AWY-HI	21.36167 -21.97333	34,000 ft 10,363 m	120	-
IREDO	UN866	17.71833	34,000 ft	255	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	-24.30333	10,363 m		
AMDOL	UN866	14.35333	34,000 ft	234	-
FIX	AWY-HI	-26.35833	10,363 m		
NELTO	UN866	9.79500	34,000 ft	315	-
FIX	AWY-HI	-29.03167	10,363 m		
BUXON	UN866	8.48401	34,000 ft	90	-
FIX	AWY-HI	-29.78297	10,363 m		
DEKON	UN866	5.21667	34,000 ft	225	-
FIX	AWY-HI	-31.63167	10,363 m		
OBKUT	UN866	3.43050	34,000 ft	122	-
FIX	AWY-HI	-32.61833	10,363 m		
CRUDE	UN866	1.73750	34,000 ft	116	-
FIX	AWY-HI	-33.54967	10,363 m		
MAGNO	UN866	-1.74383	34,000 ft	238	-
FIX	AWY-HI	-35.46067	10,363 m		
MSS	UN866	-5.19733	34,000 ft	236	MOSSORO VOR-DME
VOR	AWY-HI	-37.36450	10,363 m		
BANJO	UW50	-6.19467	34,000 ft	60	-
FIX	AWY-HI	-37.48617	10,363 m		
OPSUS	UW50	-7.11667	34,000 ft	55	-
FIX	AWY-HI	-37.59917	10,363 m		
GEBIT	UW50	-10.01383	34,000 ft	175	-
FIX	AWY-HI	-37.95700	10,363 m		
TOMAS	UW50	-11.33883	34,000 ft	80	-
FIX	AWY-HI	-38.12300	10,363 m		
SVD	UW50	-12.90642	34,000 ft	94	SALVADOR VOR-DME
VOR	AWY-HI	-38.32136	10,363 m		
BLOCK	UZ10	-13.82900	34,000 ft	60	-
FIX	AWY-HI	-38.72683	10,363 m		
DRINK	UZ10	-15.68267	34,000 ft	121	-
FIX	AWY-HI	-39.55217	10,363 m		
HAVEM	UZ10	-17.29317	34,000 ft	105	-
FIX	AWY-HI	-40.28283	10,363 m		
FLIRT	UZ10	-17.72033	34,000 ft	28	-
FIX	AWY-HI	-40.47883	10,363 m		
NACAR	UZ10	-18.11050	34,000 ft	25	-
FIX	AWY-HI	-40.65883	10,363 m		
PENCE	UZ10	-20.02550	34,000 ft	125	-
FIX	AWY-HI	-41.55583	10,363 m		
AWAKE	UZ10	-22.13733	24,500 ft	139	-
FIX	AWY-HI	-42.57317	7,468 m		
SBGL	-	-22.80894	0 ft	54	Galeao Antonio Carlos Jombim
APT	-	-43.24368	0 m		

EGLL

Region: UNITED KINGDOM
Timezone: EUROPE/LONDON
Runways: 2

Elevation: 83 ft / 25 m
Location: 51.471200 -0.460881
Magnetic Var: 0.378 E

METAR

EGLL 130650Z AUTO 21009KT 9999 OVC017 13/09 Q1009 NOSIG

TAF

TAF EGLL 130458Z 1306/1412 21006KT 9999 SCT020 PROB30 TEMPO 1306/1311 BKN014 BECMG 1311/1314 15012KT TEMPO 1319/1

Frequencies

REC - 128.07 MHz - HEATHROW INFORMATION	REC - 121.92 MHz - HEATHROW INFORMATION
CLD - 121.97 MHz - HEATHROW DELIVERY	GND - 121.70 MHz - HEATHROW GROUND
GND - 121.85 MHz - HEATHROW GROUND	GND - 121.90 MHz - HEATHROW GROUND
TWR - 118.50 MHz - HEATHROW TOWER	TWR - 118.70 MHz - HEATHROW TOWER
TWR - 124.47 MHz - HEATHROW TOWER	APP - 119.72 MHz - HEATHROW DIRECTOR
APP - 120.40 MHz - HEATHROW DIRECTOR	APP - 134.97 MHz - HEATHROW DIRECTOR
APP - 125.62 MHz - HEATHROW RADAR	APP - 127.52 MHz - HEATHROW RADAR
DEP - 120.52 MHz - HEATHROW DEPARTURE	

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
09L	164 ft	12,770 ft	89.66	ASPHALT	1,007 ft	0 ft
	50 m	3,892 m	89.28		307 m	0 m
27R	164 ft	12,770 ft	269.70	ASPHALT	0 ft	177 ft
	50 m	3,892 m	269.33		0 m	54 m
09R	164 ft	11,975 ft	89.68	ASPHALT	1,004 ft	0 ft
	50 m	3,650 m	89.30		306 m	0 m
27L	164 ft	11,975 ft	269.72	ASPHALT	0 ft	95 ft
	50 m	3,650 m	269.34		0 m	29 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09L	DME	IAA	110.30 MHz	18 nm	-	-	89 ft
				33 km	-		89 m
09R	DME	IBB	109.50 MHz	18 nm	-	-	84 ft
				33 km	-		84 m
27L	DME	ILL	109.50 MHz	18 nm	-	-	84 ft
				33 km	-		84 m
27R	DME	IRR	110.30 MHz	18 nm	-	-	89 ft
				33 km	-		89 m
09L	LOC-ILS	IAA	110.30 MHz	18 nm	89.68	-	83 ft
				33 km	89.30		83 m
09R	LOC-ILS	IBB	109.50 MHz	18 nm	89.70	-	83 ft
				33 km	89.32		83 m
27L	LOC-ILS	ILL	109.50 MHz	18 nm	269.70	-	83 ft
				33 km	269.32		83 m
27R	LOC-ILS	IRR	110.30 MHz	18 nm	269.68	-	83 ft
				33 km	269.30		83 m
09L	GS	IAA	110.30 MHz	10 nm	89.68	3.00	83 ft
				19 km	89.30		83 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
09R	GS	IBB	109.50 MHz	10 nm	89.70	3.00	83 ft
				19 km	89.32		83 m
27L	GS	ILL	109.50 MHz	10 nm	269.70	3.00	83 ft
				19 km	269.32		83 m
27R	GS	IRR	110.30 MHz	10 nm	269.68	3.00	83 ft
				19 km	269.30		83 m

SBGL

Region: BRAZIL
Timezone: AMERICA/SAO_PAULO
Runways: 2

Elevation: 28 ft / 9 m
Location: -22.808900 -43.243800
Magnetic Var: 23.422 W

METAR

SBGL 130700Z 07002KT CAVOK 23/21 Q1009

TAF

TAF SBGL 130300Z 1306/1412 31005KT 9999 FEW020 TX35/1317Z TN22/1408Z BECMG 1310/1312 36005KT BECMG 1315/1317 06000

Frequencies

REC - 127.60 MHz - ATIS	CLD - 121.00 MHz - GALEAO CLEARANCE
CLD - 135.10 MHz - GALEAO CLEARANCE	GND - 121.65 MHz - GALEAO GROUND
GND - 128.35 MHz - GALEAO GROUND	TWR - 118.00 MHz - GALEAO TOWER
TWR - 118.20 MHz - GALEAO TOWER	APP - 129.80 MHz - RIO APPROACH
APP - 125.95 MHz - RIO APPROACH	APP - 128.90 MHz - RIO APPROACH
APP - 119.35 MHz - RIO APPROACH	COM - 122.80 MHz - GALEAO UNICOM

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
10	148 ft	13,136 ft	74.40	CONCRETE	0 ft	0 ft
	45 m	4,004 m	97.82		0 m	0 m
28	148 ft	13,136 ft	254.38	CONCRETE	0 ft	174 ft
	45 m	4,004 m	277.80		0 m	53 m
15	154 ft	10,426 ft	125.65	ASPHALT	0 ft	184 ft
	47 m	3,178 m	149.07		0 m	56 m
33	154 ft	10,426 ft	305.64	ASPHALT	0 ft	184 ft
	47 m	3,178 m	329.06		0 m	56 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
15	DME	IGL	110.30 MHz	18 nm	-	-	17 ft
				33 km	-		17 m
28	DME	ILM	111.50 MHz	18 nm	-	-	28 ft
				33 km	-		28 m
10	LOC-ILS	ITB	109.30 MHz	18 nm	74.39	-	28 ft
				33 km	97.81		28 m
15	LOC-ILS	IGL	110.30 MHz	18 nm	125.65	-	28 ft
				33 km	149.07		28 m
28	LOC-ILS	ILM	111.50 MHz	18 nm	254.39	-	28 ft
				33 km	277.81		28 m
10	GS	ITB	109.30 MHz	10 nm	74.39	3.00	28 ft
				19 km	97.81		28 m
15	GS	IGL	110.30 MHz	10 nm	125.65	3.00	28 ft
				19 km	149.07		28 m
28	GS	ILM	111.50 MHz	10 nm	254.39	2.94	28 ft
				19 km	277.81		28 m